BEFORE THE STATE ENGINEER, STATE OF NEVADA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES, DIVISION OF WATER RESOURCES

IN THE MATTER OF APPLICATIONS NOS., 54003 through 54021, FILED BY SOUTHERN NEVADA WATER AUTHORITY TO APPROPRIATE UNDERGROUND WATER IN SPRING VALLEY HYDROGRAPHIC BASIN (184).

SOUTHERN NEVADA WATER AUTHORITY'S WITNESS LIST FOR HEARING ON SEPTEMBER 11, 2006

COMES NOW, SOUTHERN NEVADA WATER AUTHORITY, by and through its attorneys, PAUL G. TAGGART, ESQ., of the law firm of KING & TAGGART, LTD., and MICHAEL VAN ZANDT, ESQ., of the law firm MCQUAID, BEDFORD & VAN ZANDT, LLP., and submits its witness list and summary of witness statements for the hearing to be conducted by the State Engineer beginning September 11, 2006.

- 1. Amanda M. Cyphers. Amanda Cyphers is a member of the Henderson City Council and is the Chair of the Southern Nevada Water Authority (SNWA) Board of Directors. Ms. Cyphers may testify on the necessity of a reliable water supply for southern Nevada and the City of Henderson, and how the water supply from this project does not threaten to prove detrimental to the public interest.
- 2. Rory Reid. Rory Reid is the Chair of the Clark County Commission. He is also Vice Chair of the SNWA Board of Directors and the Big Bend Water District. Mr. Reid may testify on the necessity of a reliable water supply for southern Nevada and Clark County, and how the water supply from this project does not threaten to prove detrimental to the public interest.

- 3. Andrea Anderson. Andrea Anderson is a member of the Boulder City
 Council and the SNWA Board of Directors. Ms. Anderson may testify on the necessity
 of a reliable water supply for southern Nevada and the City of Boulder City, and how the
 water supply from this project does not threaten to prove detrimental to the public
 interest.
- 4. Shari Buck. Shari Buck is a member of the City of North Las Vegas City Council and the SNWA Board of Directors. Ms. Buck may testify on the necessity of a reliable water supply for southern Nevada and the City of North Las Vegas, and how the water supply from this project does not threaten to prove detrimental to the public interest.
- 5. Lynette Boggs McDonald. Lynette Boggs McDonald is a member of the Clark County Commission and the SNWA Board of Directors. Ms. Boggs McDonald may testify on the necessity of a reliable water supply for southern Nevada and Clark County, and how the water supply from this project does not threaten to prove detrimental to the public interest.
- 6. Myrna Williams. Myrna Williams is the Vice-Chair of the Clark County Commission and a member of the SNWA Board of Directors. She is also President of the Las Vegas Valley Water District. Ms. Williams may testify on the necessity of a reliable water supply for southern Nevada and Clark County, and how the water supply from this project does not threaten to prove detrimental to the public interest.
- 7. Steve Wolfson. Steve Wolfson is a member of the Las Vegas City
 Council and the SNWA Board of Directors. Mr. Wolfson may testify on the necessity of
 a reliable water supply for southern Nevada and the City of Las Vegas, and how the

water supply from this project does not threaten to prove detrimental to the public interest.

- 8. Oscar Goodman. Oscar Goodman is the Mayor of the City of Las Vegas and a past member of the SNWA Board of Directors. Mr. Goodman may testify on the necessity of a reliable water supply for southern Nevada and the City of Las Vegas, and how the water supply from this project does not threaten to prove detrimental to the public interest.
- 9. Michael Montandon. Michael Montandon is the Mayor of the City of North Las Vegas. Mr. Montandon may testify on the necessity of a reliable water supply for southern Nevada and the City of North Las Vegas, and how the water supply from this project does not threaten to prove detrimental to the public interest.
- 10. James Gibson. James Gibson is the Mayor of the City of Henderson.

 Mr. Gibson may testify on the necessity of a reliable water supply for southern Nevada and the City of Henderson, and how the water supply from this project does not threaten to prove detrimental to the public interest.
- 11. Richard Bunker. Richard Bunker is the Chairman of the Colorado River Commission and may testify regarding the use of the water resources in the subject project in conjunction with other water resources in the SNWA portfolio, including Colorado River water resources that presently exist or may be secured in the future, to meet the future needs of southern Nevada. Mr. Bunker may testify regarding the recommendations from the Integrated Water Planning Advisory Committee. He may testify regarding importance of the development of the subject project and how the public interest of Nevada will be served by approval of the project.

- 12. Robert Johnson. Robert Johnson is the Regional Director of the Bureau of Reclamation's Lower Colorado Region. Mr. Johnson may testify regarding the effects of drought conditions on the Colorado River system, use of Nevada's Colorado River apportionment, the importance of development of non-Colorado River supplies, including groundwater located in the subject basin. He may testify on Colorado River discussions and negotiations of the Seven Basin States for future supply options on the Colorado River.
- 13. Jennifer Lewis. Jennifer Lewis is the President of the Southern Nevada Homebuilders Association. Ms. Lewis may testify on the importance of additional water resources to southern Nevada and the relationship water resources have on the local and state economy. She may testify regarding the importance of the subject water development project to the future of Nevada and how the project will not threaten to prove detrimental to the public interest in Nevada.
- 14. Bill Bible. Bill Bible is the President of the Nevada Gaming Association.

 Mr. Bible may testify on the importance of additional water resources to southern Nevada and the relationship water resources have on the local and state economy. He may testify regarding the importance of the subject water development project to the future of Nevada and how the project will not threaten to prove detrimental to the public interest in Nevada.
- 15. Danny Thompson. Danny Thompson is the Executive Secretary of the Nevada State AFL-CIO and was a member of the SNWA's Integrated Water Planning Advisory Committee. Mr. Thompson may testify on the importance of additional water resources to southern Nevada and the relationship water resources have on the local and

state economy. He may testify regarding the importance of the subject water development project to the future of Nevada and how the project will not threaten to prove detrimental to the public interest in Nevada. Mr. Thompson may testify regarding the recommendations from the Integrated Water Planning Advisory Committee.

- 16. Peggy Maze Johnson. Peggy Maze Johnson is the Executive Director of Citizen's Alert and was a member of the SNWA's Integrated Water Planning Advisory Committee. Ms. Maze Johnson may testify on the importance of additional water resources to southern Nevada and the relationship water resources have on the local and state economy. She may testify regarding the importance of the subject water development project to the future of Nevada and how the project will not threaten to prove detrimental to the public interest in Nevada. Ms. Maze Johnson may testify regarding the recommendations from the Integrated Water Planning Advisory Committee.
- 17. Guy Hobbs. Guy S. Hobbs is the President and Managing Director of Hobbs, Ong & Associates, Inc. He formerly served as Comptroller and Director of Finance for Clark County. Mr. Hobbs may testify on the importance of additional water resources to southern Nevada and the relationship water resources have on the local and state economy. He may testify regarding the importance of the subject water development project to the future of Nevada and how the project will not threaten to prove detrimental to the public interest in Nevada.
- 18. Katherine W. Ong. Katherine Ong is the co-founder and Partner of Hobbs, Ong & Associates, Inc. She formerly served as Budget Manager for Clark County. Ms. Ong may testify on the importance of additional water resources to

Southern Nevada and the relationship water resources have on the local and state economy. Ms. Ong may testify regarding the importance of the subject water development project to the future of Nevada and how the project will not threaten to prove detrimental to the public interest in Nevada.

- 19. Jeremy Aguero. Jeremy Aguero is a principal analyst with Applied Analysis. Mr. Aguero may testify on the importance of additional water resources to southern Nevada and the relationship water resources have on the local and state economy. Mr. Aguero may testify regarding the importance of the subject water development project to the future of Nevada and how the project will not threaten to prove detrimental to the public interest in Nevada.
- 20. Rossi Ralenkotter. Rossi Ralenkotter is the President of the Las Vegas Convention and Visitors Authority. Mr. Ralenkotter may testify on the importance of additional water resources to southern Nevada and the relationship water resources have on the local and state economy. Mr. Ralenkotter may testify regarding the importance of the subject water development project to the future of Nevada and how the project will not threaten to prove detrimental to the public interest in Nevada.
- 21. **D. Taylor.** D. Taylor is the Secretary-Treasurer of the Culinary Workers Union, Local 226. Mr. Taylor may testify on the importance of additional water resources to southern Nevada and the relationship water resources have on the local and state economy. He may testify regarding the importance of the subject water development project to the future of Nevada and how the project will not threaten to prove detrimental to the public interest in Nevada.

- 22. Steve Holloway. Steve Holloway is the Executive Vice-President of the Associated General Contractors, Las Vegas. Mr. Holloway may testify on the importance of additional water resources to southern Nevada and the relationship water resources have on the local and state economy. He may testify regarding the importance of the subject water development project to the future of Nevada and how the project will not threaten to prove detrimental to the public interest in Nevada.
- and may testify about the role of SNWA in the management of water resources in southern Nevada. Ms. Mulroy may testify regarding the purpose, need and financial feasibility of the project. Ms. Mulroy may testify regarding the past and present development of water resources in Las Vegas Valley and the development of water resources in municipalities across the United States. She may testify regarding the importance of the subject water development project to the future of Nevada and how the project will not threaten to prove detrimental to the public interest in Nevada. She may testify regarding the use of the water resources in the subject project in conjunction with other water resources in the SNWA portfolio, including Colorado River water resources that presently exist or may be secured in the future, to meet the future needs of southern Nevada. Ms. Mulroy may testify regarding the recommendations from the Integrated Water Planning Advisory Committee. She also may testify regarding the project's compliance with Nevada's interbasin transfer statute.
- **24. Kayrene Brothers.** Ms. Brothers is the Deputy General Manager of the Engineering and Operations Departments of the SNWA. Ms. Brothers may testify regarding chronology of activities that culminated in the filing of the subject applications.

and the SNWA and LVVWD efforts that have occurred since the filing to development these water resources. She may testify regarding the purpose, need and financial feasibility of the project. Ms. Brothers may testify regarding the past and present development of water resources in Las Vegas Valley and the development of water resources in municipalities across the United States. She may testify to the SNWA management plan for the subject project. She may testify regarding the importance of the subject water development project to the future of Nevada and how the project will not threaten to prove detrimental to the public interest in Nevada. She may testify regarding the use of the water resources in the subject project in conjunction with other water resources in the SNWA portfolio, including Colorado River water resources that presently exist or may be secured in the future, to meet the future needs of southern Nevada. Ms. Brothers may testify regarding the recommendations from the Integrated Water Planning Advisory Committee. She also may testify regarding the project's compliance with Nevada's interbasin transfer statute.

- 25. Richard Wimmer. Mr. Wimmer is the Deputy General Manager of the Administration Departments of the SNWA. Mr. Wimmer may testify regarding financial statements of the SNWA and the financial capability of the SNWA to construct and operate the subject project. He may testify regarding importance of the development of the subject project and how the public interest of Nevada will be served by approval of the project.
- **26.** Carey Casey. Mr. Casey is the Finance Director for the SNWA. Mr. Casey may testify regarding financial statements of the SNWA and the financial capability of the SNWA to construct and operate the subject project. He may testify

regarding importance of the development of the subject project and how the public interest of Nevada will be served by approval of the project.

- 27. Kenneth Albright, P.E. Mr. Albright is the Groundwater Resource

 Director for the SNWA. Mr. Albright may testify regarding the water resource plan of
 the SNWA and the justification and need for the project. He may testify to the SNWA
 management plan for the subject project. He may testify regarding the SNWA
 Conservation Plans, the ordinances and water service rules of the SNWA member
 agencies, water use data including gallons per capita per day and the SNWA Drought
 Plan. Mr. Albright may testify with regard to the SNWA and LVVWD efforts that have
 occurred since the filing to develop these water resources and the environmental
 compliance efforts undertaken to satisfy state and federal requirements and concerns. He
 also may testify regarding the project's compliance with Nevada's interbasin transfer
 statute.
- 28. Marcus Jensen, P.E. Mr. Jensen is the Engineering Director for SNWA.Mr. Jensen may testify regarding the technical feasibility of the project.
- 29. Andrew Burns. Mr. Burns is a Senior Hydrologist for the SNWA. Mr. Burns may testify regarding the water resource assessment for Spring Valley. He may summarize the results of previous investigations that were used in his analysis. He may testify regarding precipitation, natural recharge, perennial stream flow, evapotranspiration, groundwater occurrence and movement, water resources and the groundwater budget. Mr. Burns may testify to the existence of unappropriated groundwater as it relates to perennial yield and uncommitted groundwater resources. Mr.

Burns may testify regarding the SNWA Data Report and potential water related effects from the subject project.

- 30. Doug Bennett. Mr. Bennett is the Conservation Manager for the SNWA. Mr. Bennett may testify regarding the SNWA Conservation Plans, the ordinances and water service rules of the SNWA member agencies, water use data including gallons per capita per day and the SNWA Drought Plan.
- 31. Warda Drici. Ms. Drici is a Hydrologist who may testify regarding the analysis of groundwater data is support of the subject water right applications and water resource development. Ms. Drici may testify about the aquifer properties, groundwater recharge, and boundary fluxes that are described in the SNWA Data Report. Ms. Drici may testify about the potential water-related effects of the subject project. Ms. Drici may also testify as to the executibilty, use and application of the Spring Valley numerical groundwater model.
- **32. Rebecca D. Shanahan.** Ms. Shanahan is an Environmental Biologist and may testify regarding field investigations, evapotranspiration and vegetation communities in the Spring Valley basin and how those matters were evaluated in the SNWA Data Report.
- 33. **Derek A. Sloop.** Mr. Sloop is a Hydrologist who may testify about the analysis of hydrologic data that is included in the steady-state hydraulic head section of the SNWA Data Report and the description of certificated groundwater rights, irrigation water use and municipal water use that is described in the same report.
- **34. James M. Watrus.** Mr. Watrus is a Hydrologist who may testify about the aquifer properties and data gathering that is described in the SNWA Data Report.

- **35. Lisa Luptowitz.** Ms. Luptowitz is a Senior Environmental Planner who may testify about SNWA environmental compliance activities related to the subject project.
- 36. Zane Marshall. Mr. Marshall is a Senior Biologist who may testify regarding field investigations and potentially sensitive environmental resources located in Spring Valley.
- 37. Steve Acheampong, Ph.D. Mr. Acheampong is a Hydrologist who may testify about spring discharge geothermometry that is described in the SNWA Data Report.
- **38. Gavin Kistinger.** Mr. Kistinger is a Hydrologist who may testify regarding field investigations and spring discharge as it is described in the SNWA Data Report.
- **39. Weiquan Dong.** Mr. Dong is a Geologist who may testify regarding spatial distribution of precipitation and recharge estimates as it is described in the SNWA Data Report. Mr. Dong may also testify as to the executibility, use and application of the Spring Valley numerical groundwater model.
- **40. Terry Katzer.** Mr. Katzer is a hydrologist and may testify regarding unappropriated water in the area of the proposed applications. Mr. Katzer may testify regarding the historic calculation of recharge and evapotranspiration in Spring Valley.
- 41. Frank A. D'Agnese, Ph.D. Dr. D'Agnese is a Geologic Engineer and may testify regarding the development, validity and utility of numerical groundwater models in the Great Basin, including possible rebuttal testimony regarding models that are used by Protestants.

- 42. R. Michael Turnipseed, P.E. Mr. Turnipseed is a former Nevada State Engineer and may testify regarding historic development of groundwater rights in Nevada. Mr. Turnipseed may testify regarding interbasin transfers in Nevada, the purpose, scope and applicability of Nevada's interbasin transfer statute, and the municipal development of water resources in Nevada. He may testify about perennial yield and unappropriated water rights in Spring Valley, and the analysis of reasonable lowering of the static water level under state law. He may testify regarding the application of the factors to determine whether the applications are in the public interest.
- 43. Peter G. Morros, P.E. Mr. Morros is a former Nevada State Engineer and may testify regarding historic development of groundwater rights in Nevada. Mr. Morros may testify regarding interbasin transfers in Nevada and the municipal development of water resources in Nevada. He may testify about perennial yield and unappropriated water rights in Spring Valley, and the analysis of reasonable lowering of the static water level under state law. He may testify regarding the application of the factors to determine whether the applications are in the public interest.
- **44. Dale Devitt, Ph.D.** Dr. Devitt is a Biologist may testify regarding total evapotranspiration data that was collected and studies that were conducted in 2004-2005 in Spring and White River Valleys, as that data and study is described in his report.
- **45. Dwight Smith, P.E.** Mr. Smith is a Geologic Engineer who may testify about the Summary of Water Rights and Current Uses in Spring Valley, as that information is presented in his report.

- **46. Timothy J. Durbin.** Mr. Durbin is a hydrologist who may testify regarding FEMFLOW 3D Version 2 and the Spring Valley Model and Report that was prepared by Mr. Durbin.
- **47. Peter D. Rowley, Ph.D.** Dr. Rowley is a Geologist and may testify about the Geologic and Hydrogeologic Framework of Spring Valley, as that information is presented in his report.
- **48. Gary Dixon,** Mr. Dixon is a Geologist and may testify about the Geologic and hydrogeologic Framework of Spring Valley, as that information is presented in his report.
- 49. R. Keith Schwer. R. Keith Schwer is Director of the Center for Business and Economic Research and a member of the UNLV Economics Department faculty.

 Mr. Schwer may testify on the relationship water resources have on the local and state economy. Mr. Schwer may testify regarding the importance of the subject water development project to the future of Nevada and how the project will not threaten to prove detrimental to the public interest in Nevada.
- 50. John Bonow. John Bonow is the Managing Director of Public Financial Management. Mr. Bonow may testify on the relationship water resources have on the local and state economy. Mr. Bonow may testify on public financing. Mr. Bonow may testify regarding the importance of the subject water development project to the future of Nevada and how the project will not threaten to prove detrimental to the public interest in Nevada.

SNWA reserves the right to call any witness from the witness lists submitted by any other party.

Submitted this A day of June, 2006.

KING & TAGGART, LT.D.

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